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8 January 1957

MEMORANDUM FOR: Contracting Officer

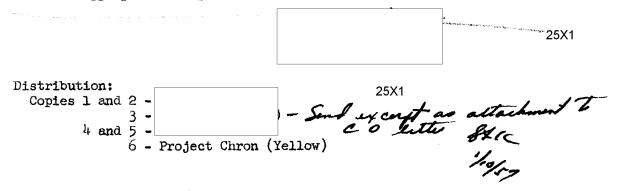
SUBJECT

: Problem Arising from the Use of 2300 Cycle Time

Marker for System 5

1. During the analysis of System 5 tapes, it was discovered that a considerable amount of objectionable noise has been created by the 2300 cycle keying relay assembly. This noise was picked up by the video amplifiers and was recorded on the signal channels. It evidently is the result of arcing at the relay contacts. The level of the noise is quite high, making it very difficult to use certain analysis equipment, such as Brush recorders.

2. It is requested that the manufacturer examine this problem and take appropriate steps to solve it.



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